

MXM503/M453/M363/M283 SPECIFICATIONS

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| Main Specifications | | | | |
| MXM503N/M453N/ M363N/M283N | Includes 8.5" Colour Display, Standard Copying, PCL6 Network Printing, Network Colour Scanning, Document Filing, 100-sheet DSPF (except MXM283N), Auto Duplex, 2 x 500-sheet Paper drawers, 100-sheet Bypass tray & 80GB Hard Drive. | | | |
| MXM503U/M453U/ M363U | Includes 8.1" Mono Display, Standard Copying, 100-Sheet RSPF, Auto Duplex, 2 x 500-sheet paper drawers, 100-sheet Bypass tray | | | |
| Type | Multi-Function digital document system | | | |
| Functions | Copy, print, network print, network scan, document filing and fax ¹ | | | |
| Copy System | Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Heat Roller fusing/Xenon lamp exposure | | | |
| Originals | Sheets and bound documents | | | |
| Max Original Size | 11" x 17" | | | |
| Copy Size | Min. 5 1/2" x 8 1/2", Max. 12" x 18" | | | |
| Copy Speed | MXM503N/U 50 ppm; MXM453N/U 45 ppm; MXM363N/U 36 ppm; MXM283N 28 ppm (8 1/2" x 11") | | | |
| Multiple Copy | Max. 999 copies | | | |
| First Copy Time (Seconds) | MXM503 Platen Glass 3.9 sec RSPF 9.3 sec DSPF 8.8 sec | MXM453 3.9 sec 9.3 sec 8.8 sec | MXM363 4.6 sec 10.1 sec 9.5 sec | MXM283 4.6 sec 10.1 sec — |
| Warm Up Time | 20 Seconds or less | | | |
| Magnification | 25% to 400% in 1% increments (RSPF/DSPF 25%-200%) | | | |
| Original Feed | 100-Sheet RSPF: MXM503U/M453U/M363U/M283N 100-Sheet DSPF: MXM503N/M453N/M363N | | | |
| Scan Speed | RSPF Copy: Up-to 50 IPM @ 600 x 400 dpi; 36 IPM @ 600 x 600 dpi / DSPF Copy: Up-to 70 IPM @ 600 x 300 dpi. RSPF Scan: Up-to 50 IPM @ 200 x 200 dpi / DSPF Scan: Up-to 70 IPM @ 200 x 200 dpi. | | | |
| Original Sizes | 5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17" | | | |
| Paper Feed System | Standard: (2) 500-sheet drawers (letter/legal/ledger/statement) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope). ² Optional: (1) 500-sheet paper drawer (letter/legal/ledger/statement size) or (2) 500-sheet paper drawers (letter/legal/ledger/statement size) and 3500-sheet large capacity tray (letter size). | | | |
| Paper Types | Paper drawers/Bypass tray: 16 lb. bond -110 lb. index; other paper types include plain, pre-printed, recycled, pre-punched, letterhead and colour paper. Bypass tray also supports: 13-16 lb. bond (thin paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter size only); other types include label paper and OHP film. Large capacity tray: 16-28 lb. bond. | | | |
| Duplexing | Standard automatic duplex copying and printing | | | |
| CPU | Power QUICfil-MPC8533E (800MHz) | | | |
| Interface | RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 host/device | | | |
| Memory | Copy: 640MB (320MB U models); Print/Scan: 1GB | | | |
| Hard Disk Drive | 80GB; 38GB for document filing system (N models) | | | |
| Copy Resolution | Scan: B&W/colour: 600 dpi; Copy Output: B&W: 1200 dpi (N models) | | | |
| Exposure Control | Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map. Settings: auto or 9 step manual. | | | |
| Halftone | 256 gradations/2 levels (monochrome) | | | |
| Copy Features | Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, rotation copy, reserve copy, tandem copy, book copy, margin shift, tab-paper insertion, edge erase, center erase, dual page copy, cover pages, insert pages, OHP insertion, job build, card shot, multi-page enlargement, reverse image, black-white reversal, centering, proof copy, 2-in-1/4-in-1, pamphlet, photo repeat, document filing, account management, job programs, date/character/page stamp. | | | |
| Account Control | Up-to 1000 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP server) for Copy, Print, Scan, Fax and document management. | | | |
| Output Tray | Main output tray (top) 400 sheets (face down); optional exit tray (right side) 100 sheets (face down) | | | |
| Capacity | (right side) 100 sheets (face down) | | | |
| Firmware | Flash ROM with local (USB) and network update capability. | | | |
| Configuration | Web-based management system with user/administrator level login | | | |
| Method | security, cloning (1 to N) with PAU and remote front panel access | | | |
| Service/Maintenance | Remote front panel and remote service logs | | | |
| Power | AC 100-127 VAC, 60Hz, 12 Amps | | | |
| Power Consumption | All models Approx. 1.44kW | | | |
| Weight | All models Approx. 210 lbs. | | | |
| Dimensions | All models Approx. 25 1/2" (w) x 27 1/2" (d) x 37 1/2" (h) | | | |

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| Network Printing System (standard on N models) | |
| PDL | PCL® 6/PCL5e compatible, Optional Postscript® 3™, optional XPS |
| Resolution | 1200 dpi x 1200 dpi (N models), 600 dpi x 600 dpi (U models) |
| Print Speed | 28/36/45/50 pages per minute depending on model (8 1/2" x 11") |
| Print Drivers | Windows® 98, Windows Me, Windows NT® 4 (with SP5 or later), Windows 2000, Windows Server® 2003, Windows Server 2008, Windows XP, Windows XP x64, Windows Server 2003 x64, Windows Server 2008 x64, Windows Vista™, Windows Vista x64, MAC OS®, 9.2.2, OS-X (including 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.5), all MAC PPD, UNIX, Linux. ¹ |
| Features | Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, tab printing, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, proof print, bypass printing, job priority printing, print job control, tandem printing and direct printing ¹ |
| Direct Printing | File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, High Compression PDF, Postscript and XPS ¹ Methods: FTP, Web page, E-mail and USB memory |
| Resident Fonts | 80 outline fonts |
| Interface | RJ-45 Ethernet 10/100/1000 Base-T |
| Network | Windows 98/ME, NT 4.0, XP, 2003/2008 Server, Vista, Novell® |
| Environments | Netware® 3x to 6x, MAC OS 9, (OSX 10 to 10.5.6), Sun® OS 4.1x, Solaris® 2x, UNIX®, Linux®, SAP, AS400, Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. |
| Network Protocols | TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and UNIX. LPD and LPR for UNIX. IPX/SPX® (Novell environments), EtherTalk® and NetBEUI. AppleTalk® (Macintosh®). |
| Printing Protocols | LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter |
| Network Security | IP/Mac address filtering, protocol filtering, port management, user authentication and document administration. |
| Security Standards | IEEE-2600-2008, DoD (NIST/SP) #11, DoD 8500.2, DoD (DISA) ¹ |

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| Network Scanning System (standard on N models) | |
| Max Original Size | 11" x 17" |
| Optical Resolution | 600 dpi |
| Output Modes | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi |
| Scan Modes | Colour, monochrome, greyscale |
| Image Formats | Monochrome: TIFF, PDF, Encrypted PDF, XPS ¹ Colour (N models only): Greyscale, Colour TIFF, JPG, PDF, Encrypted PDF, High Compression PDF, ¹ XPS ¹ |
| Image | Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) |
| Compression | Colour/Greyscale (N models only): JPG (high, medium, low), High Compression PDF ¹ , Internet FAX mode: MH/MMR (option) |
| Scan Destinations | E-mail, Desktop, FTP, Folder (SMB), USB, Internet/G3 fax (options) |
| One-touch Dial | Up-to 1000 (combined scan destinations) |
| Group Destinations | Up-to 500 |
| Programs | Up-to 48 (combined) |
| Max. Jobs in Memory | Up-to 94 (N models), Up-to 47 (U models) |
| Network Protocols | TCP/IP, SSL (HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP, 802.1x |
| Network Security | E-mail server user authentication for LDAP and Active Directory |
| Software | Sharpdesk® document management software (1 user license) |
| Sharp OSA Platform | Application Communication Module (MXAMX2) Standard |

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| B&W Super G3 Fax Kit (option) | |
| Transmission Mode | Super G3, G3 |
| Modem Speed | 33.6 KBPS ³ |
| Compression | JBIG, MMR, MR, MH |
| Scanning Method | Sheet fed simplex or duplex or book |
| TX Resolution | 400 dpi (max.) |
| Transmit Speed | Approximately 2 Seconds with Super G3/JBIG ⁴ |
| Auto Dialing | Up-to 1000 (combined scan destinations) |
| Group Dial | Up-to 500 |
| Inbound Routing | Forwards received fax data to E-mail |
| Long length Originals | Up-to 31.5" (for transmission) |
| Programs | Up-to 48 (combined) |
| Memory | 8 (exclusive) |
| Halftone | 256 levels |
| Features | Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, anti-junk fax, staple received faxes, secure fax release, out of paper reception, auto redial, 2-in-1 reception, duplex reception TX reports, and PC fax. |

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| Inner Finisher (option) | |
| Type | Built-in finisher (hole-punch unit option) |
| Output Capacity | 500 sheets (letter/statement) or 250 sheets (ledger/legal size) |
| Stapling Media | Plain paper, (letter, legal, or ledger size) |
| Stapling Positions | 1 front, 1 rear, or both |
| Power Source | Supplied from main unit |
| Stapling | Up-to 50 sheets (letter size) or 30 sheets (legal, ledger or mixed) |
| Stapled Sets | 30 bundles or 500 sheets (letter or statement size) or 30 bundles or 250 sheets (legal or ledger size) |
| Hole Punching | Optional hole punch unit MXPNX1B (2 holes/3 holes) |
| Weight | Approx: 28.7 lbs. |
| Dimensions | 25 1/4" (w) x 29" (d) x 8 1/4" (h) (with tray extended) |

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| Saddle-Stitch Finisher (option) | |
| Type | Console finisher with dual exit trays (mounts on left side) |
| Output Trays | Upper tray: Offset stack tray Lower tray: Book tray for saddle stitch |
| Output Capacity | 1000 sheets (letter/statement size) or 500 sheets (legal, ledger or letter-R size) |
| Stapling | Up-to 50 sheets (letter/statement), 25 sheets (legal, ledger, mixed) |
| Output Delivery | Face down |
| Stapling Media | Plain paper, letter/legal/ledger size or mixed |
| Stapling Positions | 1 front, 1 rear, or both |
| Saddle-Stitch Function | Center stitch/folding (2 staples) letter/legal/ledger paper sizes. Up-to 10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/20 sets, Max. Sets (1-5 sheets per set). |
| Power Consumption | 70 W or less |
| Hole Punching | Optional hole punch unit MXPNX5B (2 holes/3 holes) |
| Weight | Approx: 88.18 lbs. |
| Dimensions | 26" (w) x 25" (d) x 39" (h) (with tray extended) |

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| 4K Stacking Finisher | |
| Type | Console stacking finisher with dual exit trays |
| Output Trays | Fixed position upper tray and offset stacking lower tray |
| Output Capacity | Upper tray: 1,550 sheets (letter size, non-stapled) Lower tray: 2,450 sheets (letter size, non-stapled) |
| Stapling | Three position; Up-to 50 sheets (letter size) |
| Hole punching | Optional punch unit MXPNX6B (2 hole/3 hole) |
| Power Consumption | Approx: 140W |
| Weight | Approx: 97 lbs. |
| Dimensions | Approx: 20 1/2" (w) x 25 1/2" (d) x 43 1/2" (h) |

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| Optional Equipment | |
| MXDEX8 | Stand/1 x 500 Sheet Paper Drawer |
| MXDEX9 | Stand/2 x 500 Sheet Paper Drawer |
| MX50ABD | Rolling Cabinet Base |
| MXLCX1 | Large Capacity Tray (requires MXDEX8 or MXDEX9) |
| MXFNX9 | Inner Finisher |
| MXFN10 | Saddle Stitch Finisher |
| MXFN11 | 4K Stacking Finisher |
| MXRBX3 | Paper Pass Unit (Required for MXFN10 or MXFN11) |
| MXPNX1B | 3 Hole Punch Unit (for Inner Finisher) |
| MXPNX5B | 3 Hole Punch (for Saddle Stitch Finisher) |
| MXPNX6B | 3 Hole Punch Unit (for 4K Stacking Finisher) |
| MXTRX2 | Exit Tray Unit |
| MXPB10 | Printer Expansion Kit (U models) |
| MXPB11 | Printer Expansion Kit with Hard Drive (U models) |
| MXPKX1 | Postscript 3 Kit ¹ |
| MXPUX1 | XPS Expansion Kit (Requires MXSHP1GBXPS) |
| MXSHP1GBXPS | 1GB Memory Upgrade (Required for MXPUX1) |
| MXEBX3 | Enhanced Scanner Compression Kit (N models only) |
| MXFWX1 | Internet Fax Kit ¹ |
| MXFFX2 | Fax Expansion Kit |
| ARPF1 | Bar Code Font Kit ¹ |
| MXAMX1 | Application Integration Module ¹ |
| MXAMX2 | Application Communication Module ¹ |
| MXAMX3 | External Accounting Module ¹ |
| MXNSX1 | Network Scanner Expansion Kit |
| MXFR23U | Commercial Data Security Kit for models with Hard Disk Drive |
| MXFR15U | Commercial Data Security Kit for models w/o Hard Disk Drive |

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| Supplies | |
| MX500NT | Black Toner Cartridge |
| MX500NV | Black Developer |
| MX500NR | Drum |

¹ Some features may require optional equipment.
² Paper capacity is based on letter size paper.
³ Actual transmission speed and time will vary based on line conditions.
⁴ Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution.





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